

BowlShape Version History:

v2.0 Released 2/5/11

Can no longer install Java3D via webstart due to changes made by Oracle.

v2.0 is a totally new program which is a subset of the newest version of the RESurface software.

Major changes include: new algorithm for curve fitting, more menu options, installers for Mac, Windows, and Linux, built on NetBeans platform.

v1.2.1 Released 2/5/11

Updated .jnlp due to web site redesign.

v1.2 Released 6/3/09

"Clear" button added to Outline Editor.

"New" menu item now gives you a blank slate (rather than a pre-defined shape).

You can now delete all points and start over fresh.

v1.1 Released 4/26/09

xml file format changed: coordinates in actual dimensions (not pixels), certain preferences saved (print orientation, scale factor, print grid on outline, units), grid size saved, and bowl color. Old v1.0 format can still be read (scaled to 6 inches high).

Preference window created: Printer orientation (Auto, Portrait, Landscape), scale factor for outline printing, option to include grid (or not) on printed outline, units (inch/cm), saved graphics format (png or jpeg). Some preferences are saved with the xml file, some are saved when exiting the program for the next session (outline grid, units, graphic format). Version is stored with prefs.

Print View will scale to fit one page, and user can select orientation in Preference window (Auto, Portrait, Landscape).

Print Outline can be printed with or without grid, user can select orientation, and a scale factor can be applied to enlarge (2X) or reduce the size (2X or 4X).

Rotate View/Bowl is selected with a comboBox (rather than radio buttons).

Height now changed in the Outline Editor window (not the 3D Display Window).

A grid has been added to the Outline Editor (and can be viewed or disabled).

Grid size and bowl size is now defined in a pop-up screen: "Set Size" in the Outline Editor window. It allows the user to specify the size of the grid (height and width). The user can scale the size proportionally to a specified height or diameter. The user can also choose to stretch just the height or just the diameter to a specified dimension. If the bottom point is moved up/down (or deleted), the user can remove the offset (essentially setting the bottom point back to a y=0.0 position).

Any changes to the grid size or changing the bowl size will re-size the view to utilize 90% of the Outline Editor window. Re-sizing the Outline Editor window will also re-size the view.

The user is asked to Save prior to Exit (or prior to reading in a new file), thus unsaved changes are less likely to be lost.

"File" -> "New" creates a new shape (back to the original default).

"File" -> "Revert to Saved" allows going back to the last saved version.

"Window" -> "Preferences" brings up the Preferences window.

"Restore View" will scale the view somewhat to accommodate much larger/smaller pieces.

No less than 3 points in Outline Editor.

Dragged point changes color.

Fixed bug: "Save" then cancel resulted in future "Save" not working sometimes.

v1.0 Released 4/3/09